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# EXOMARS

## ExoMars Status

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J. L. Vago and the ExoMars Project Team



**20<sup>th</sup> MEPAG Meeting**  
**3–4 March 2009, Arlington, VA (USA)**

# ExoMars Original Objectives

## Technology Demonstration Objectives:

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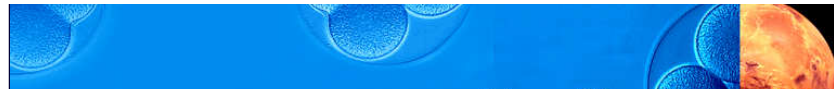
## KEY REQUIREMENTS FOR EXOMARS:

(but also for all future ESA Mars exploration missions)

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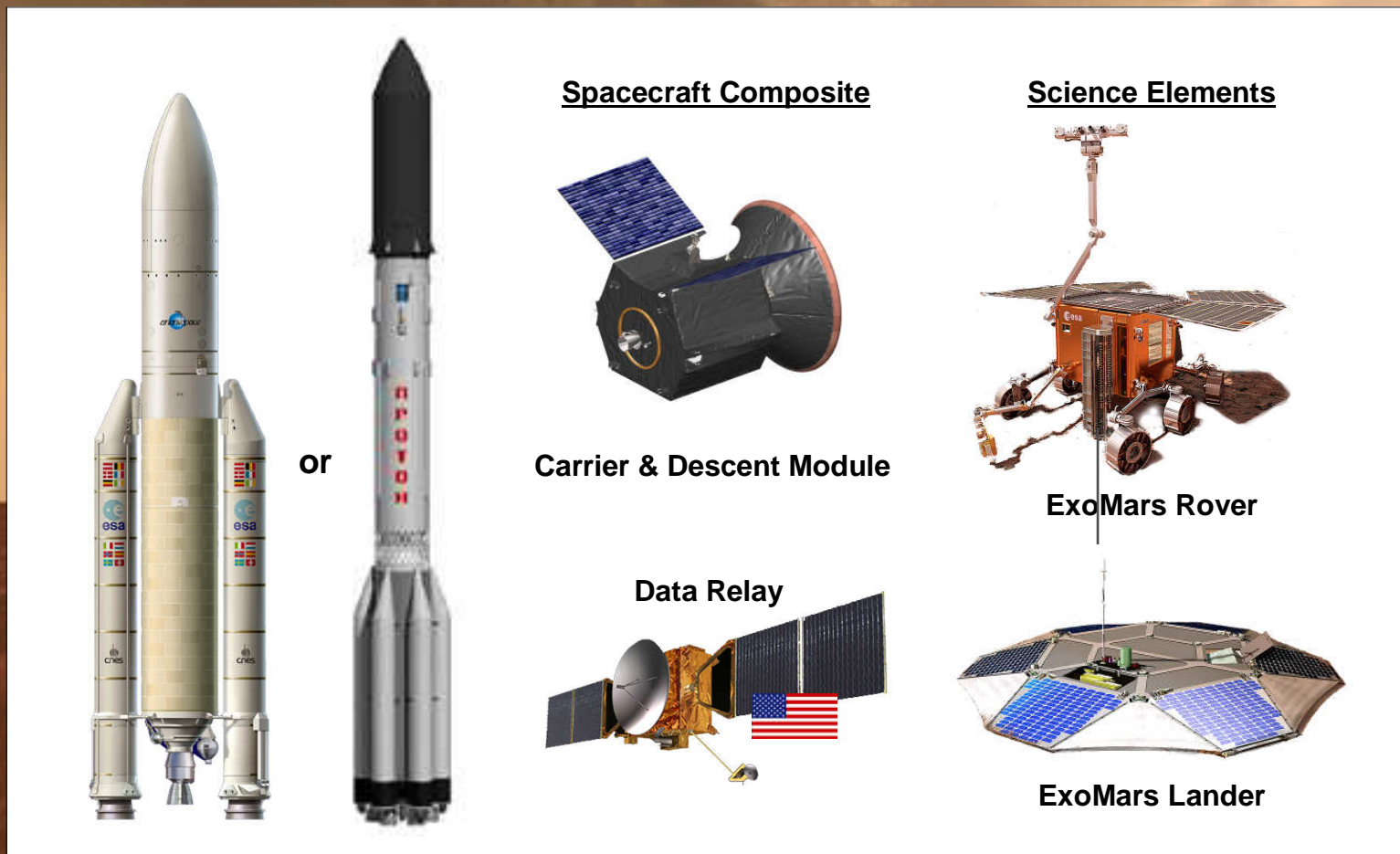
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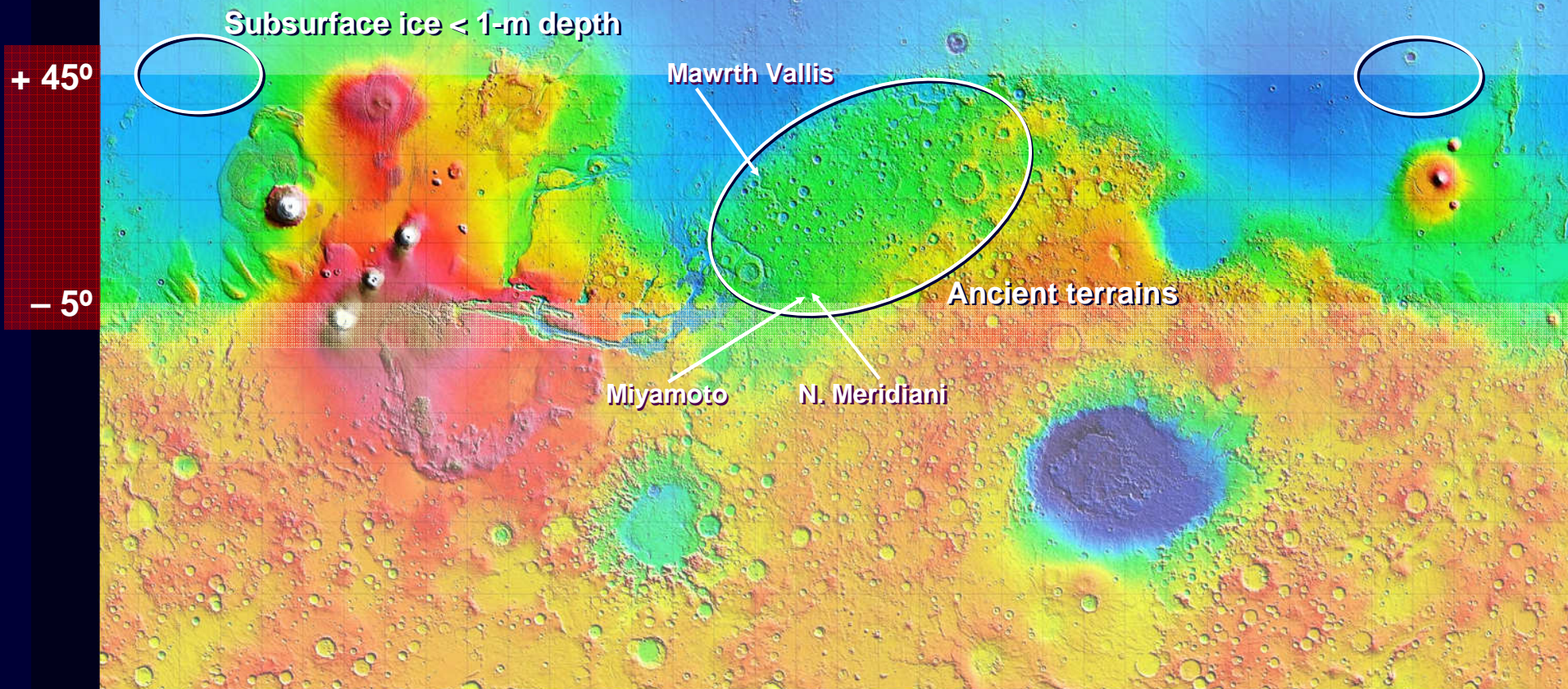


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# Landing Sites

## MOLA Topographic Map

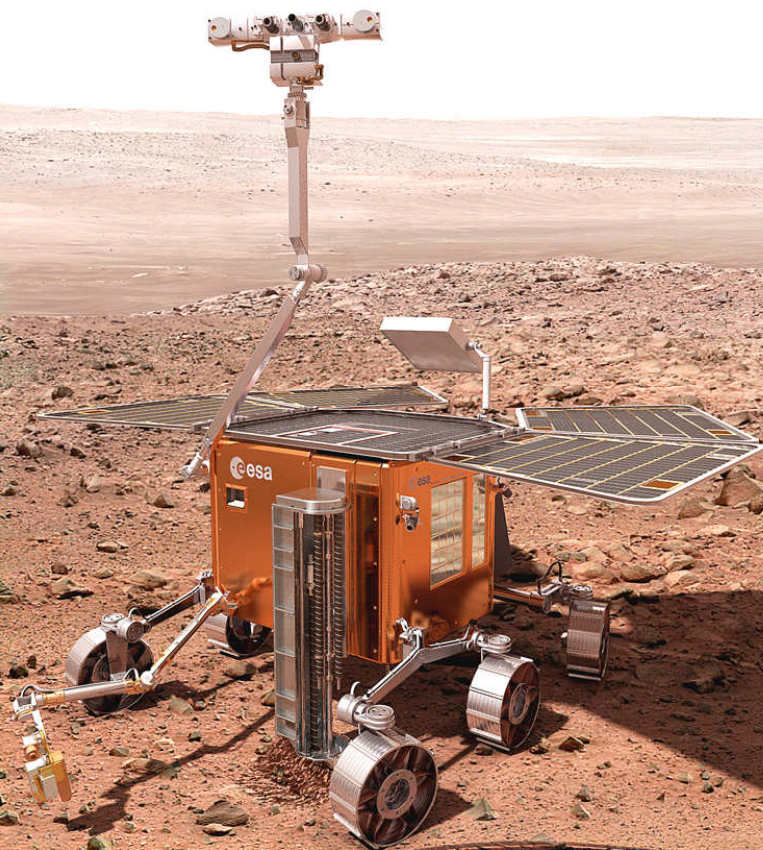


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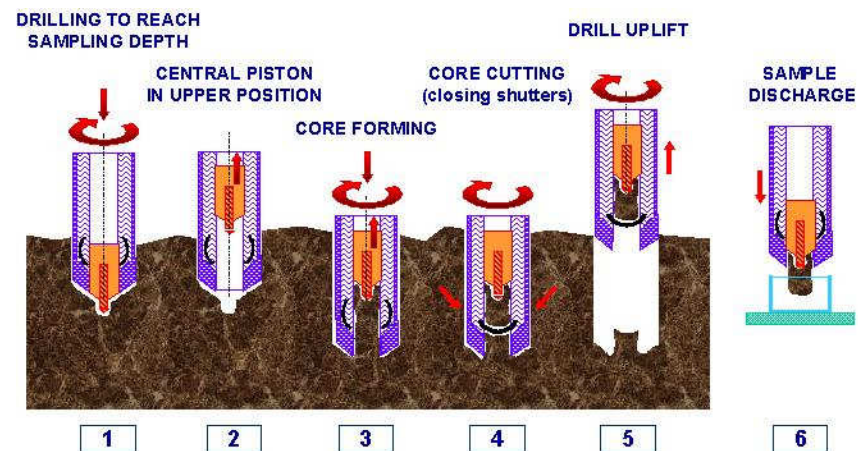


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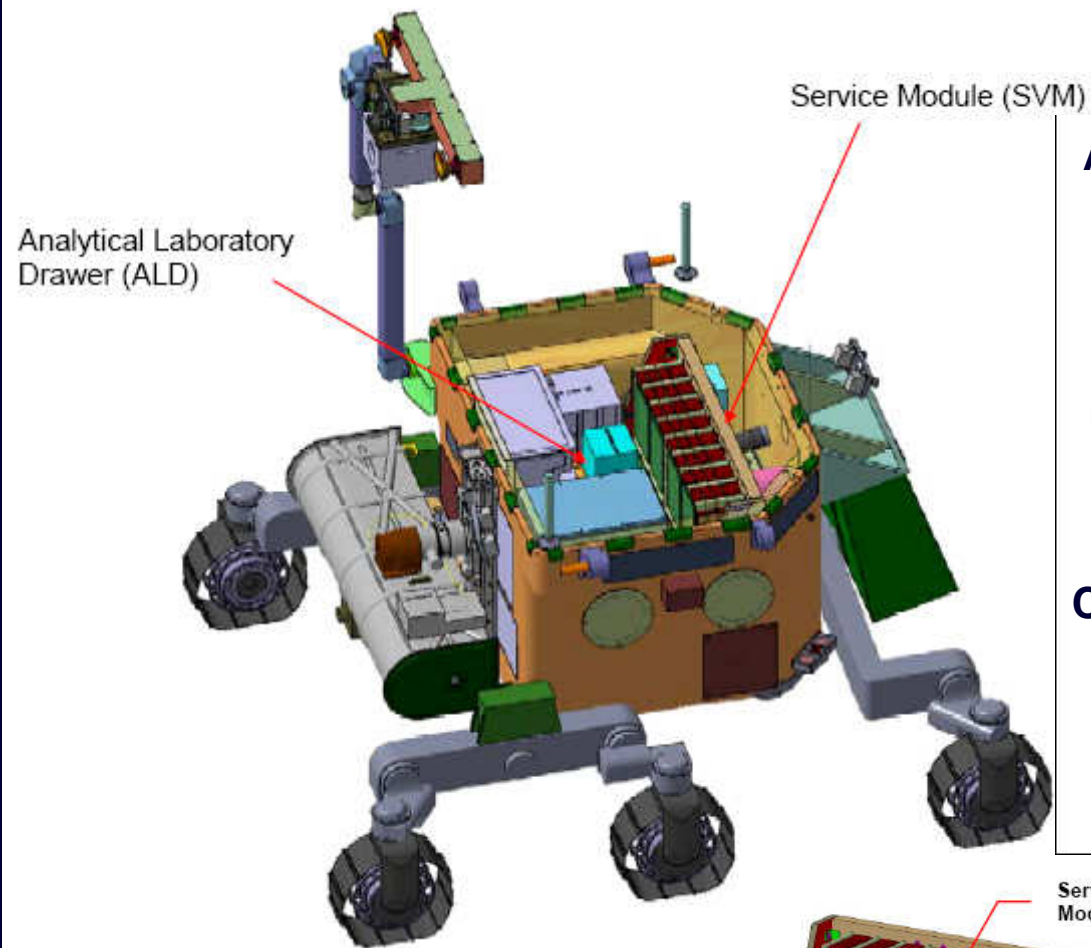
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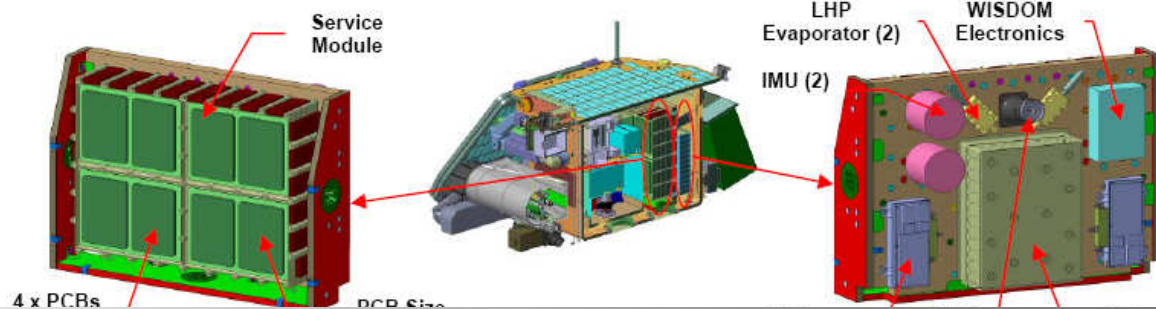
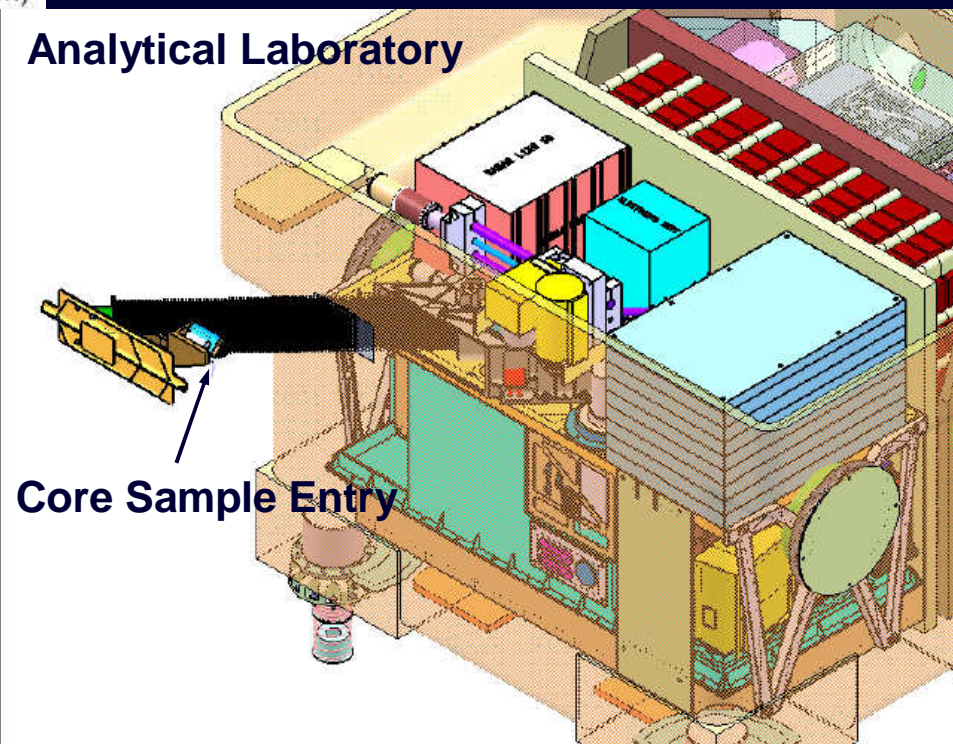
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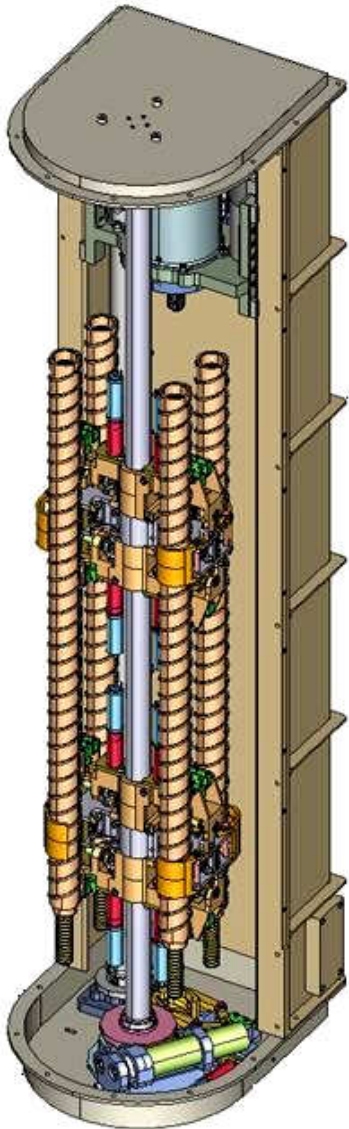
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*Existing mission notional configuration*



# Drill System



Drilling



Coring

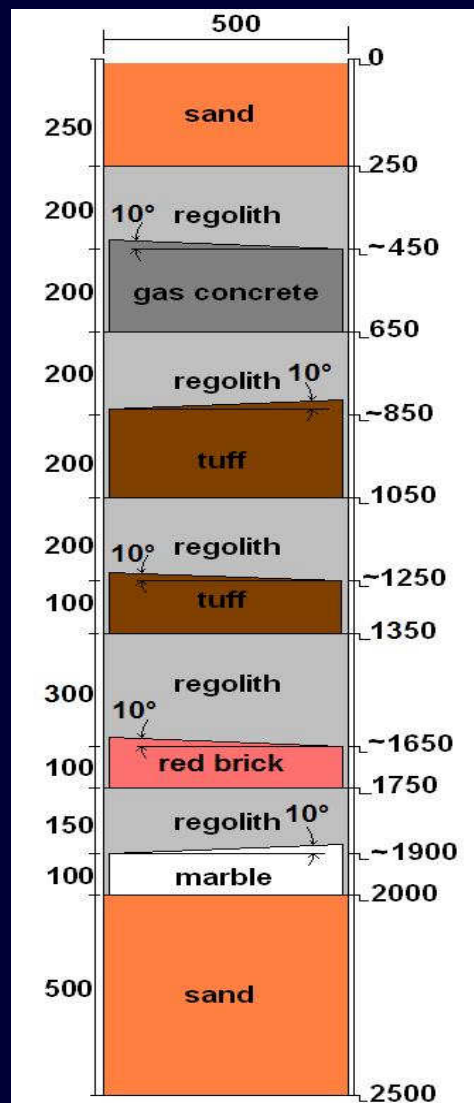


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2 m depth drilling, ambient conditions



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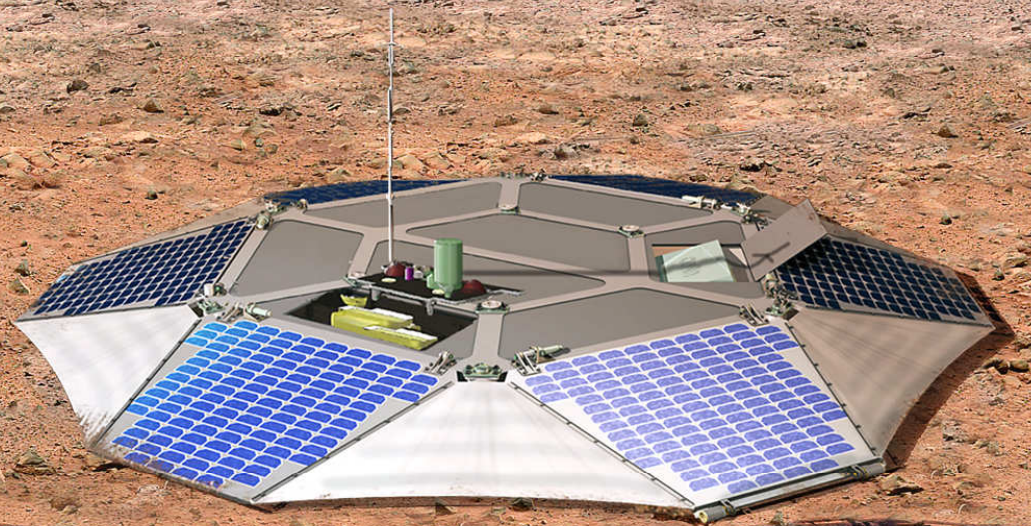
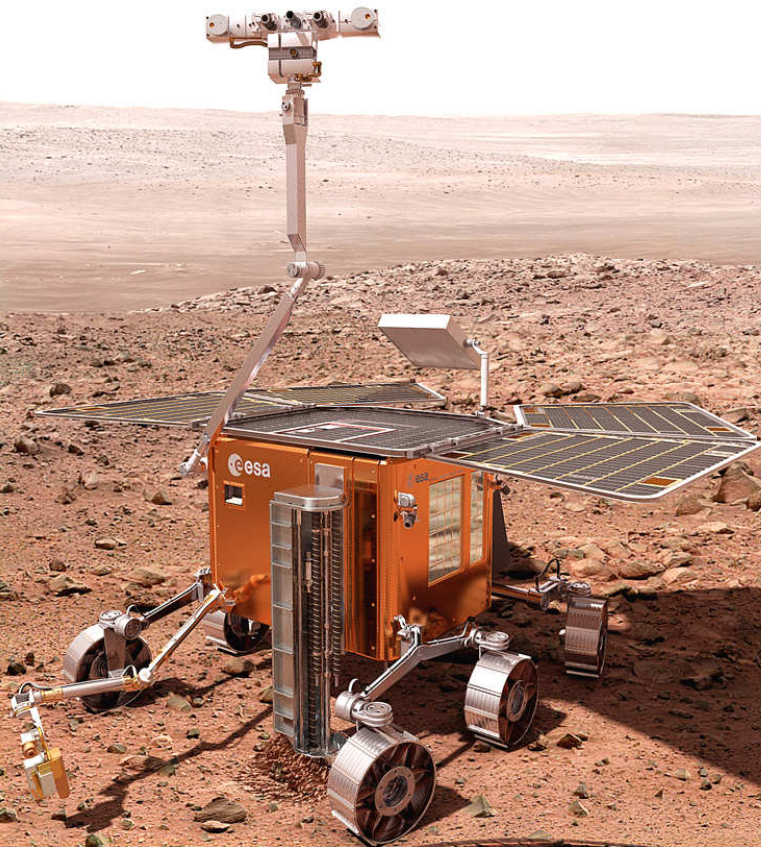
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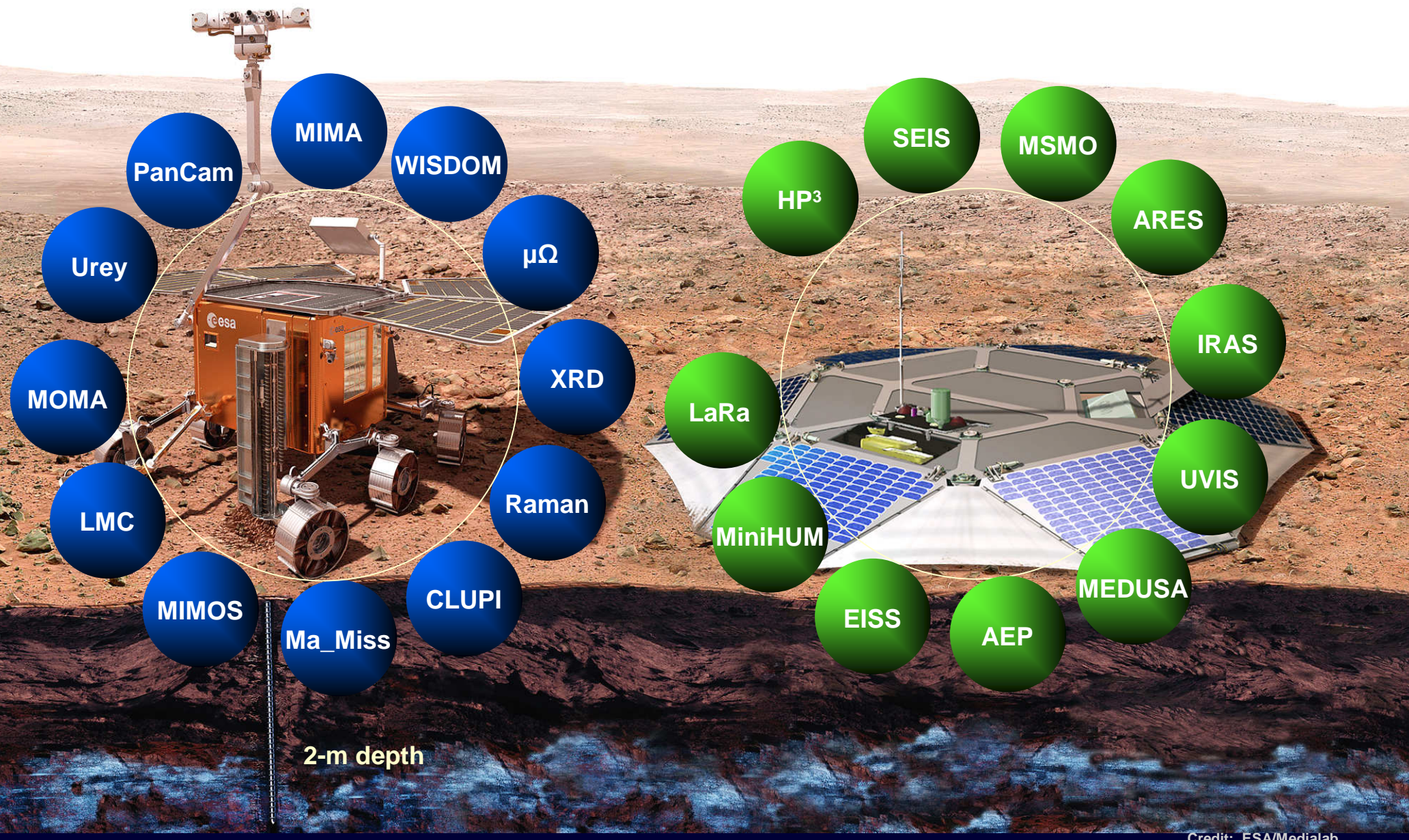


2-m depth





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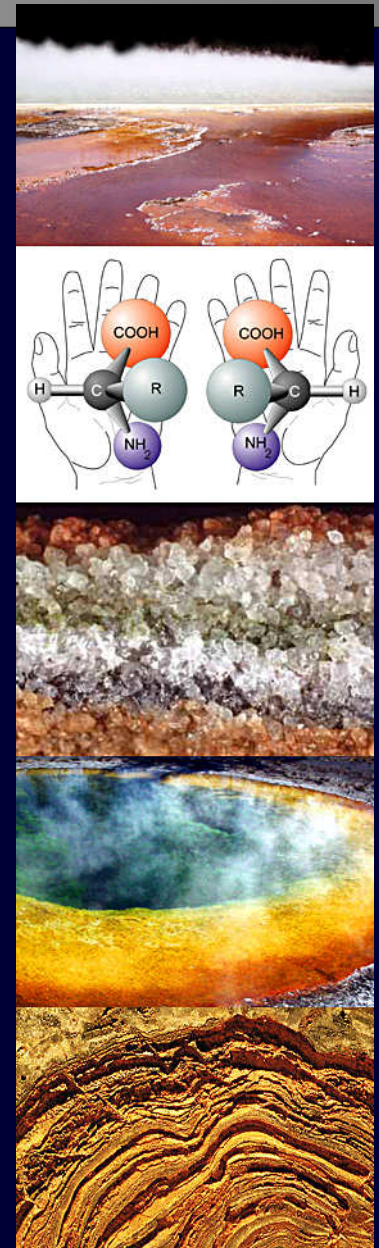
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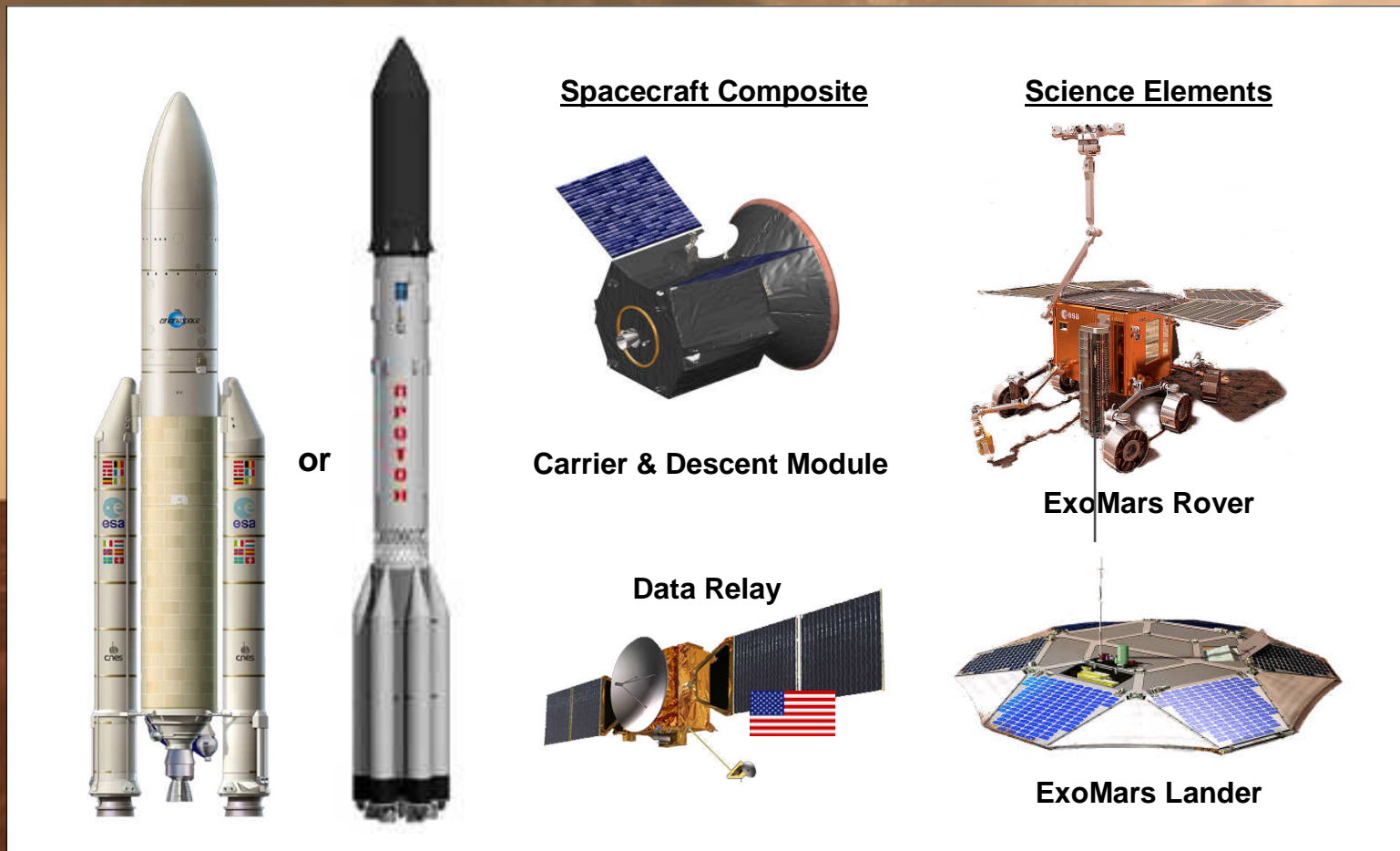
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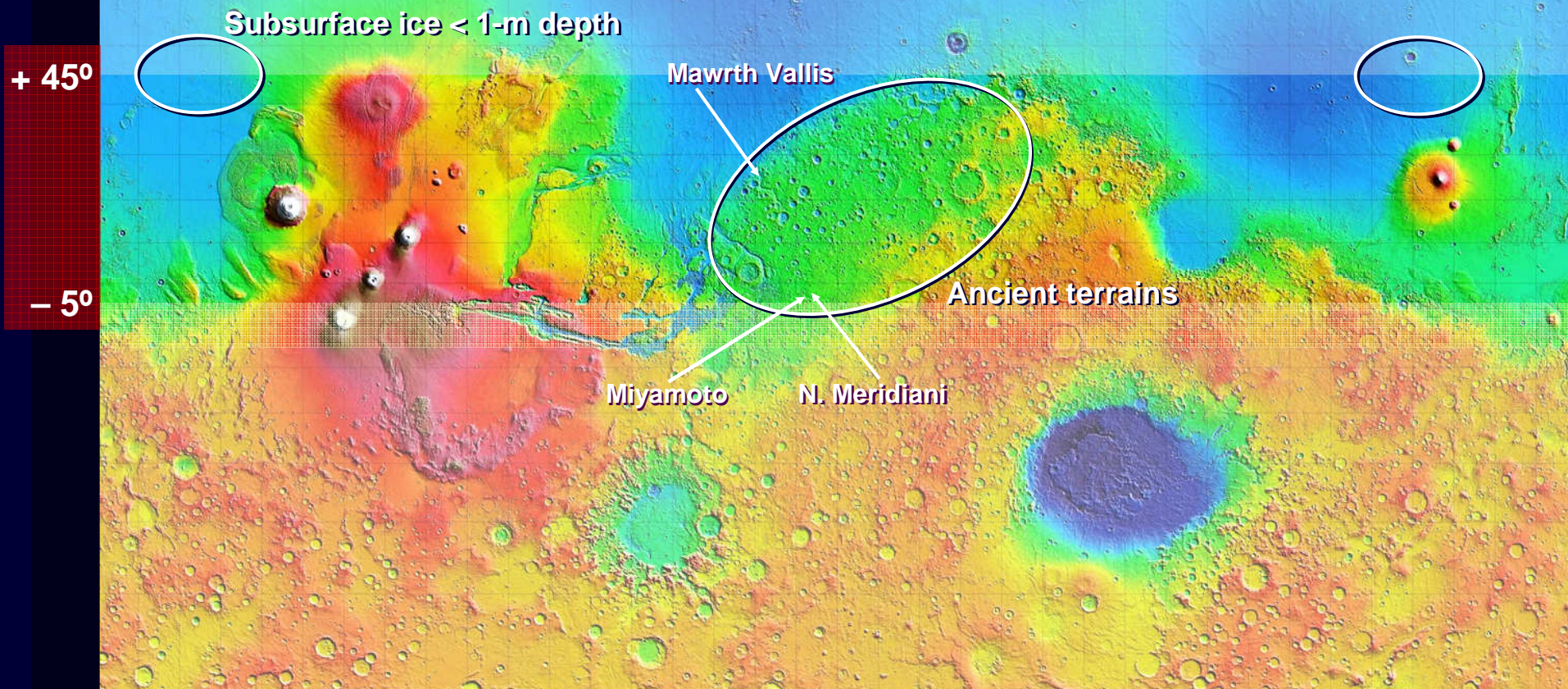


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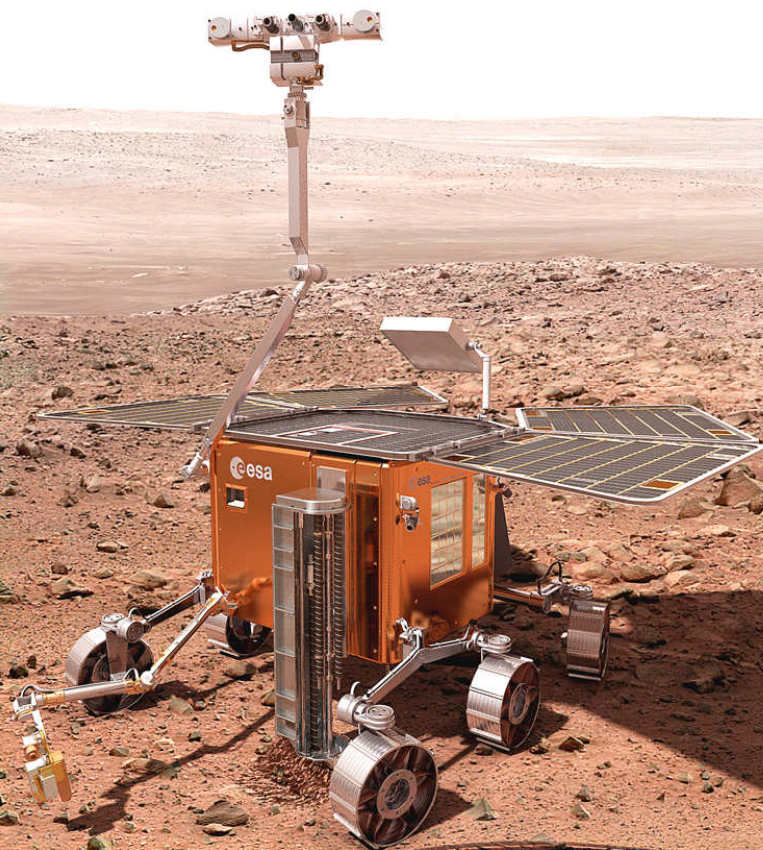


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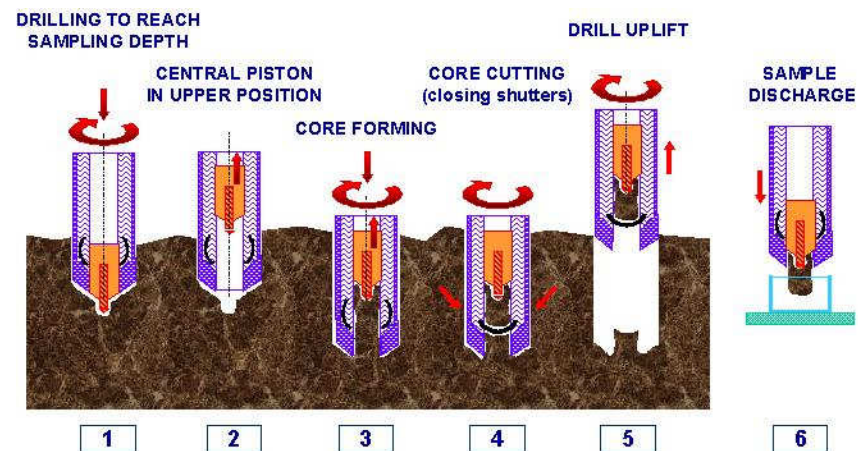


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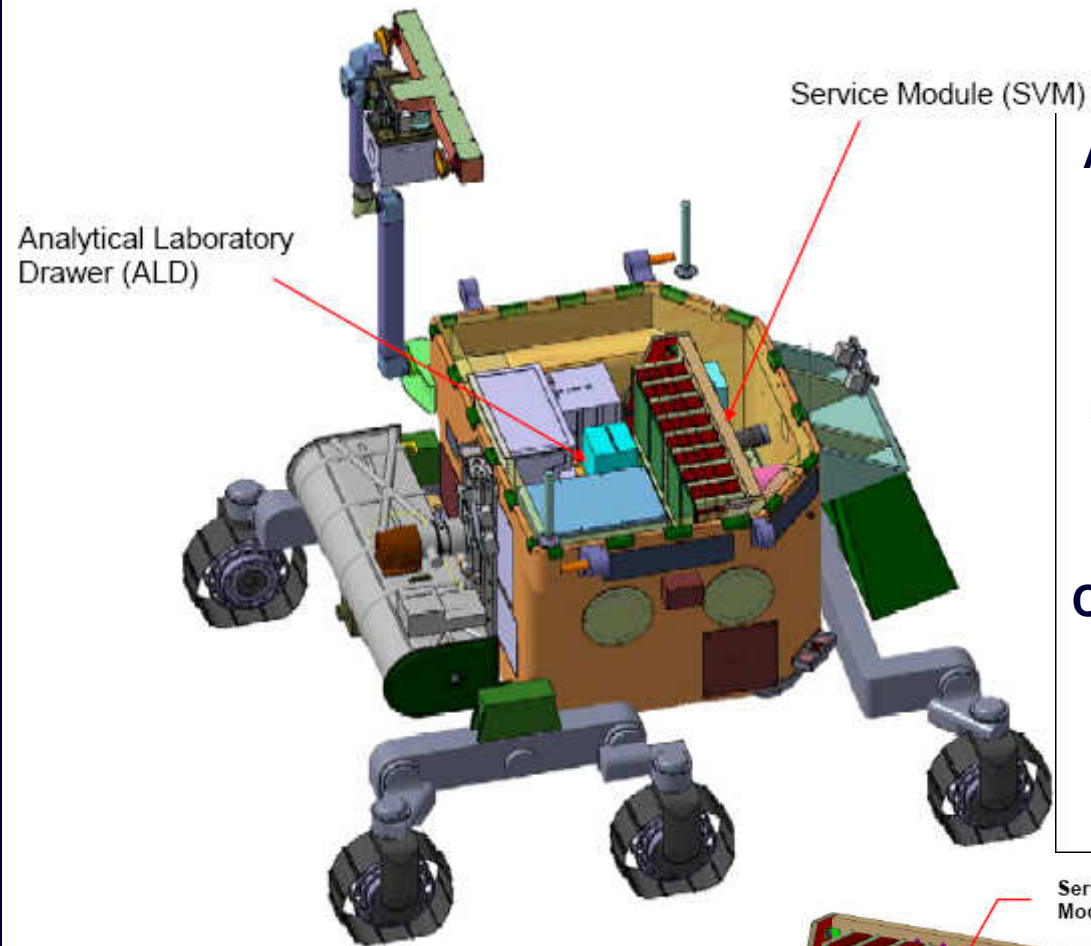
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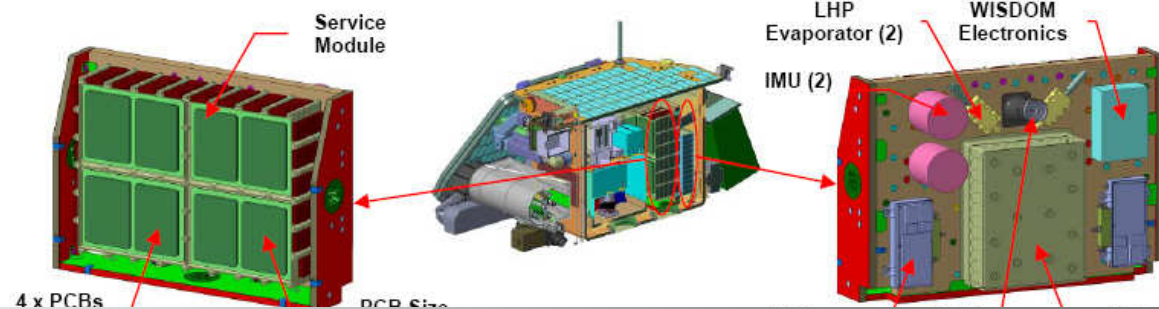
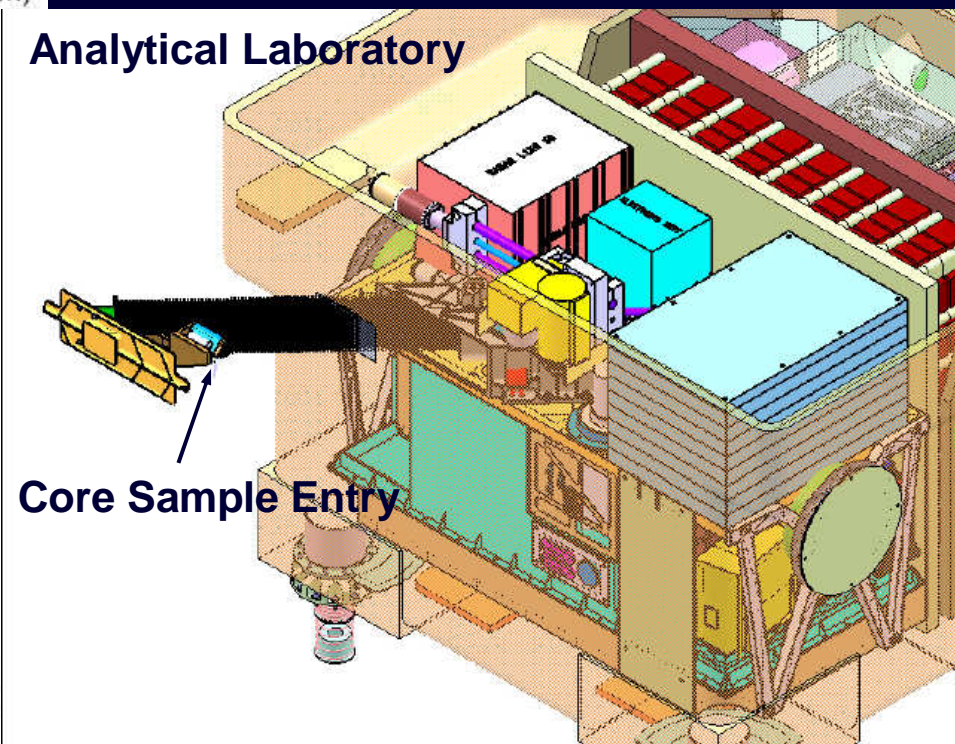
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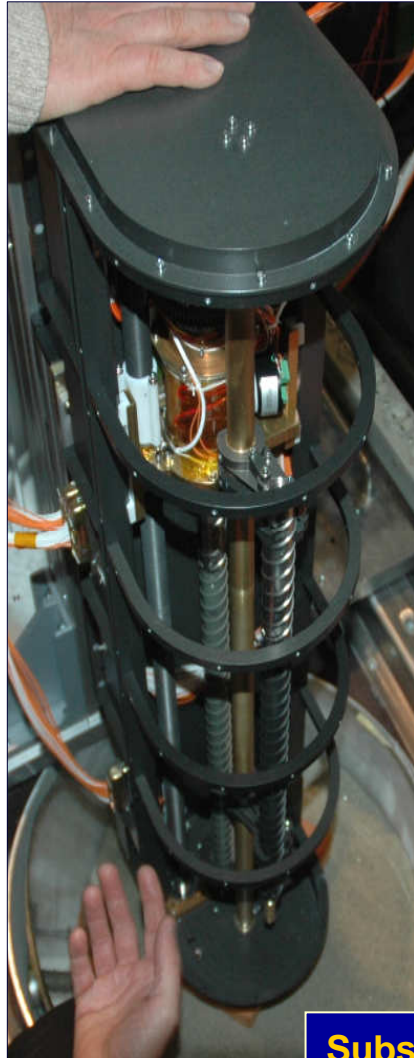
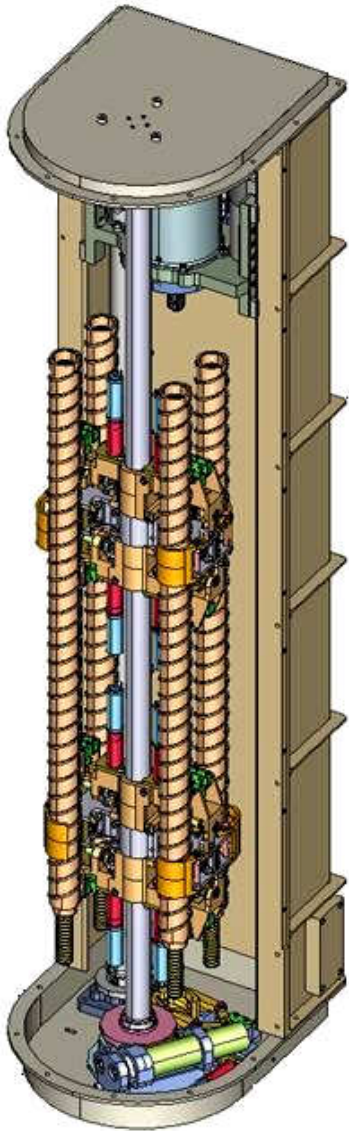


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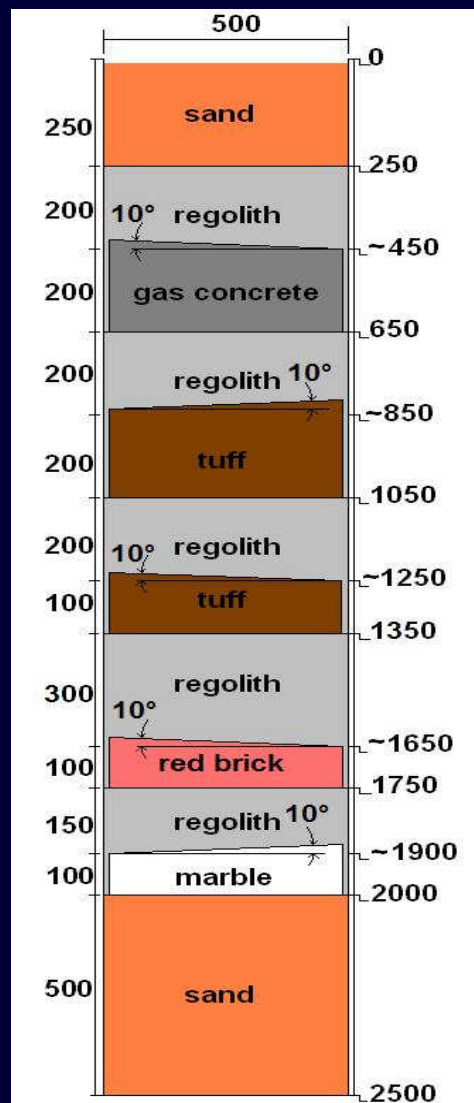




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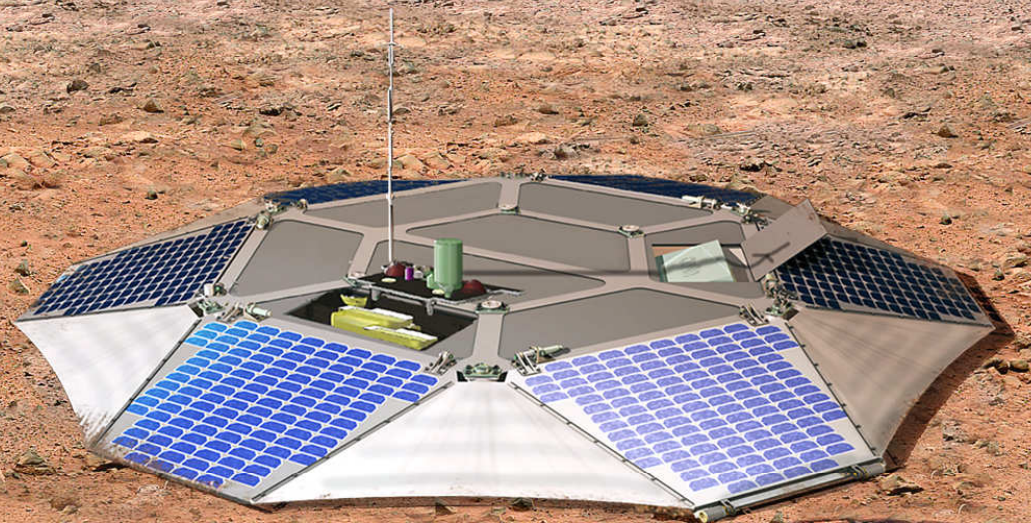
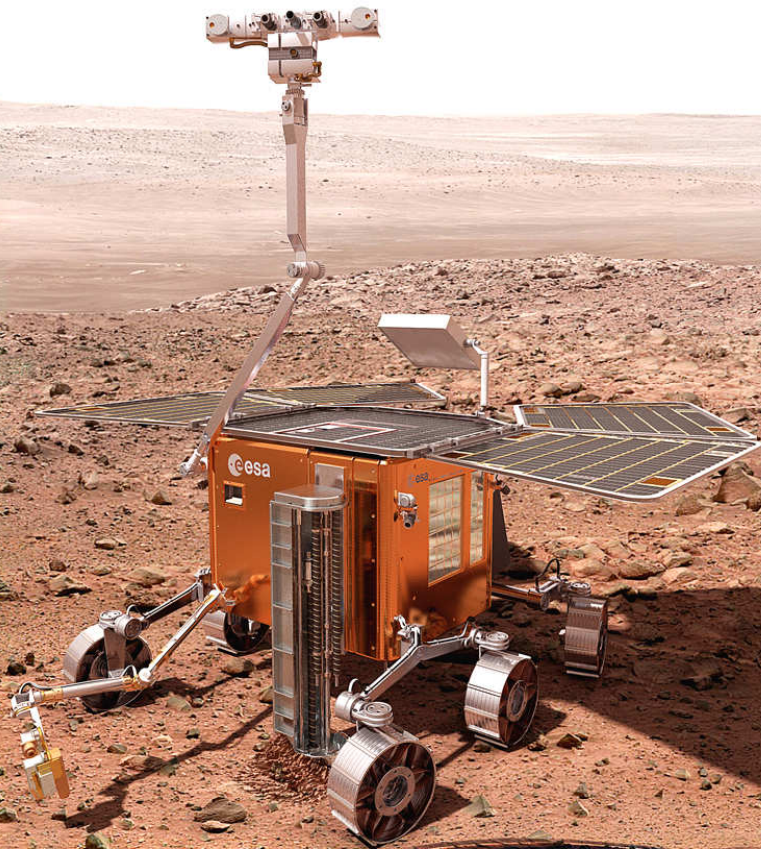
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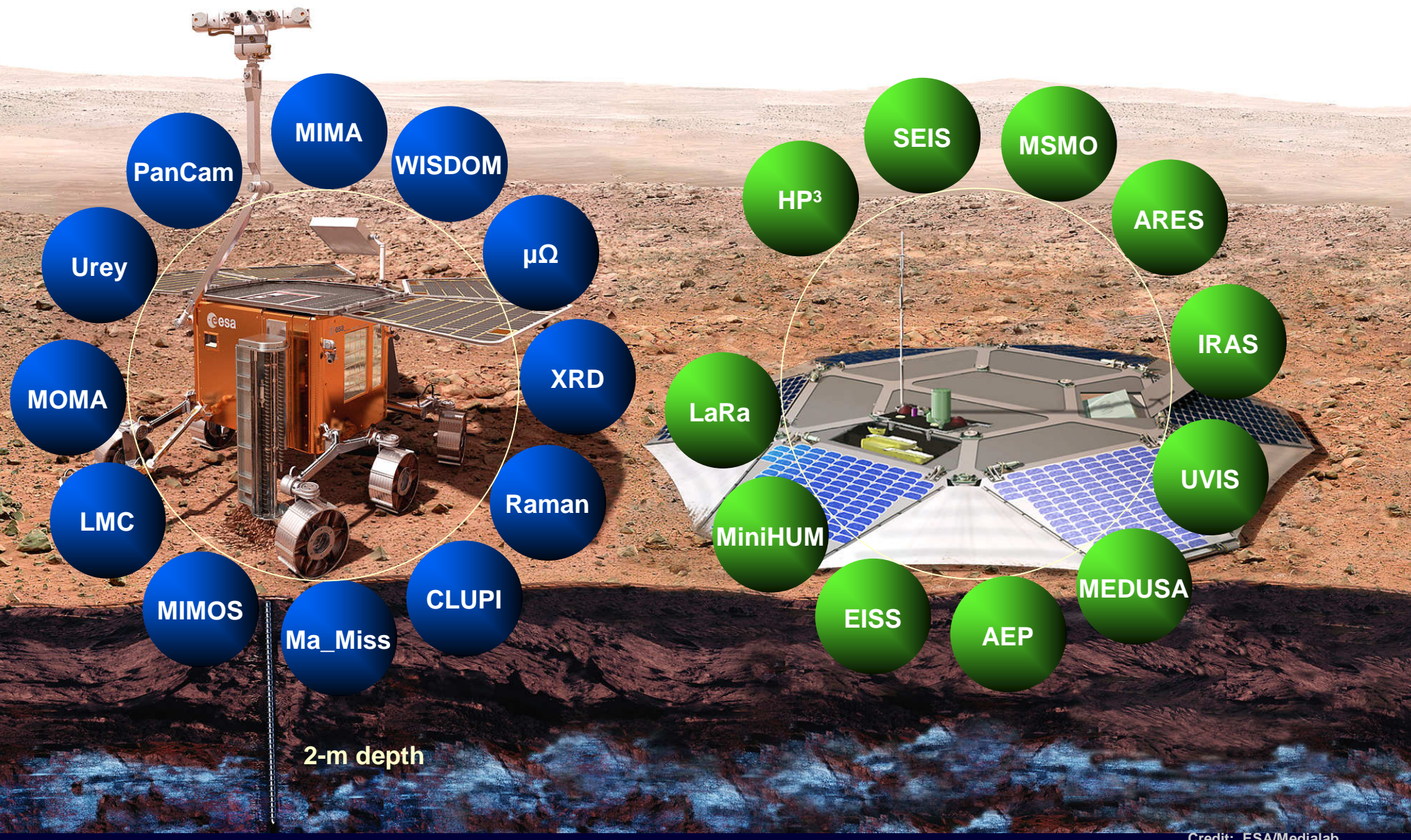


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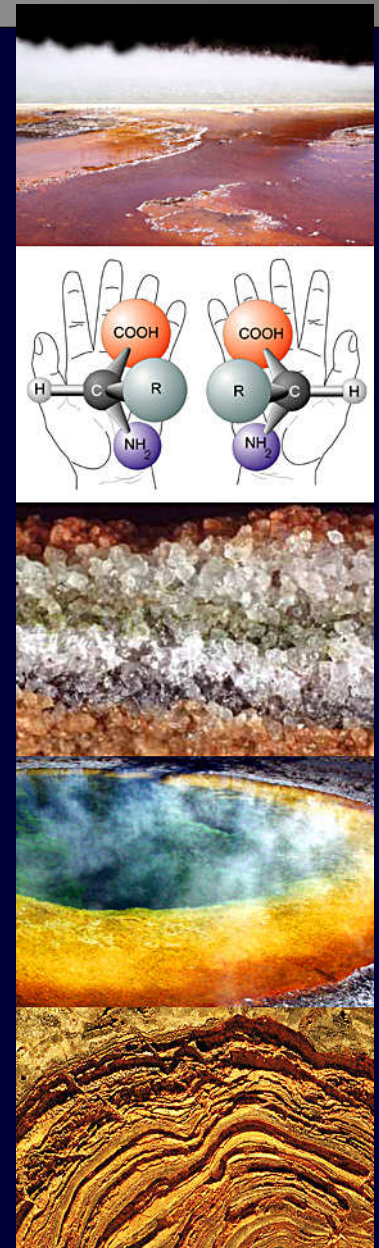
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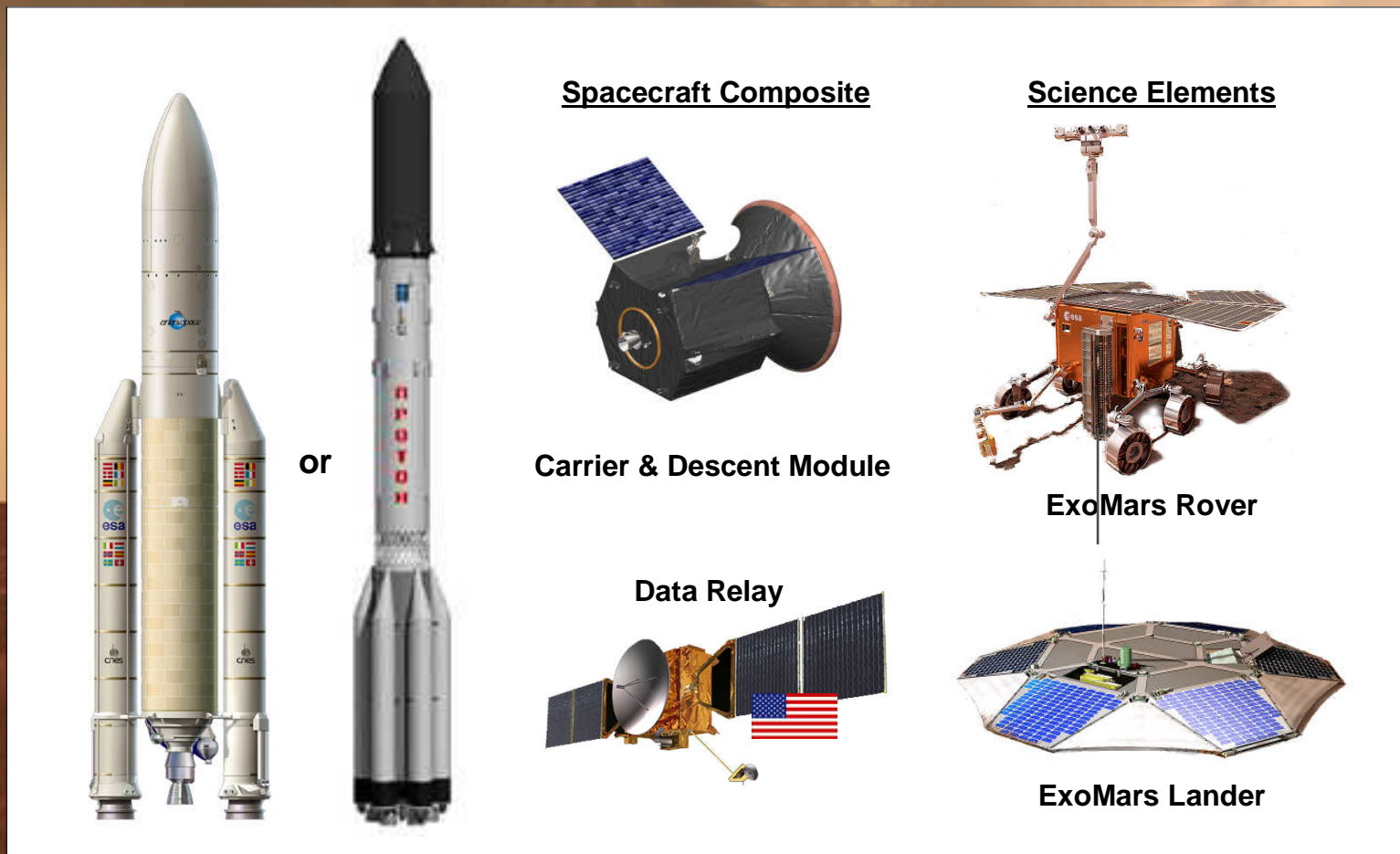
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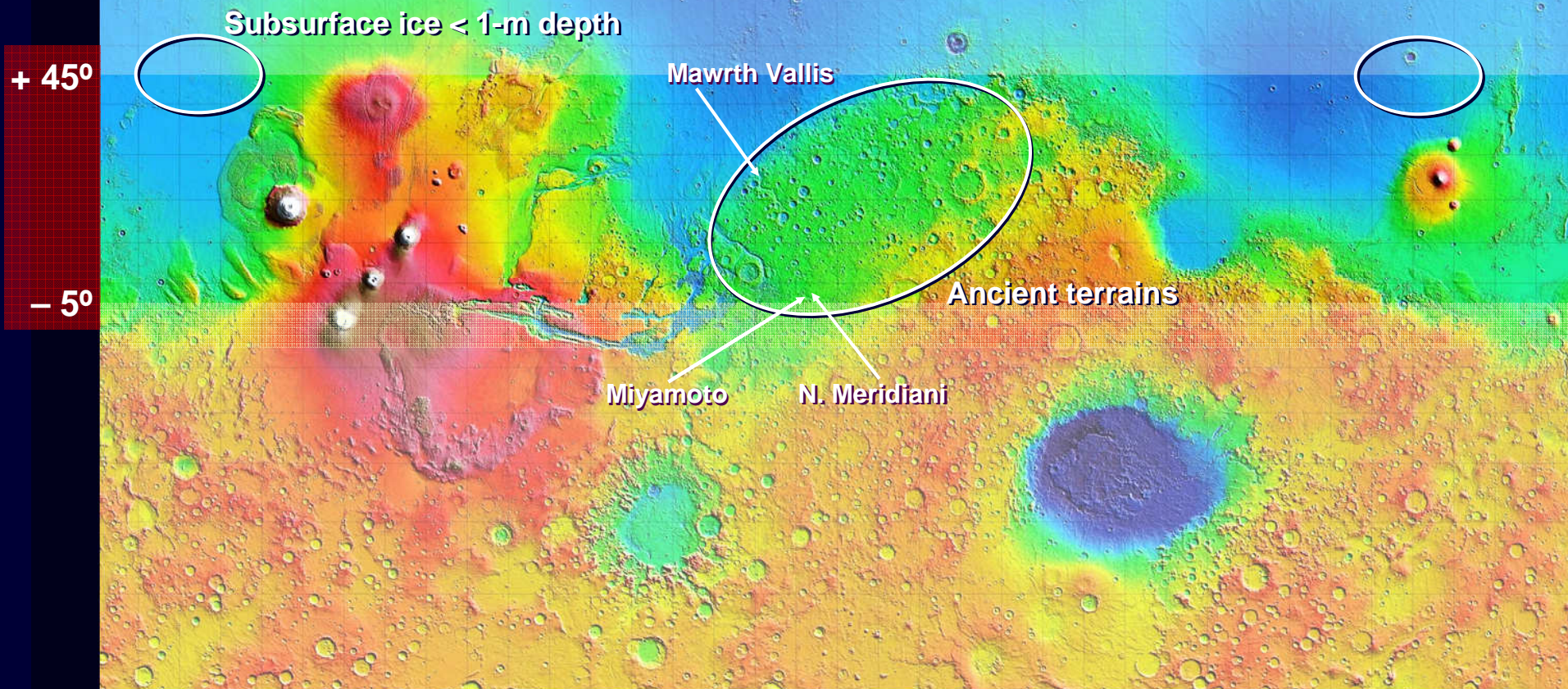


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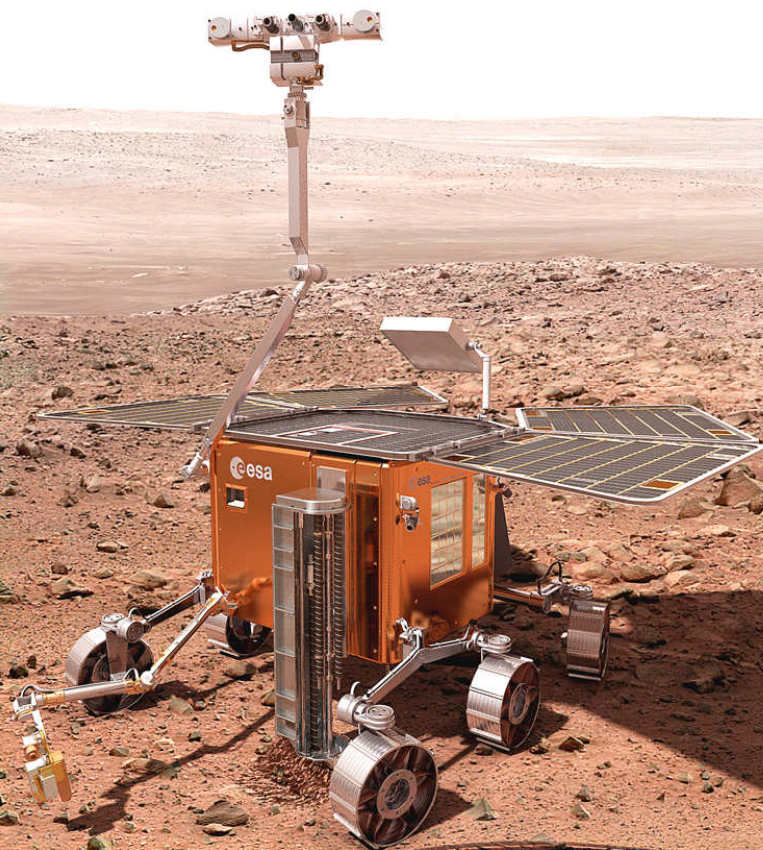


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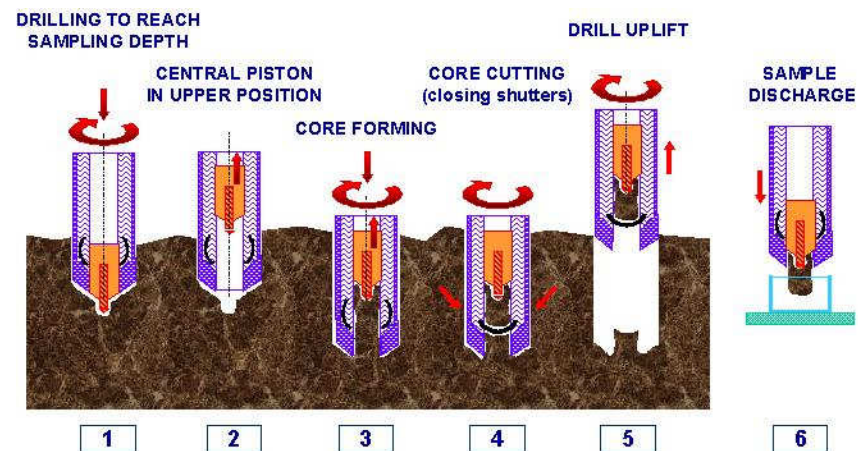


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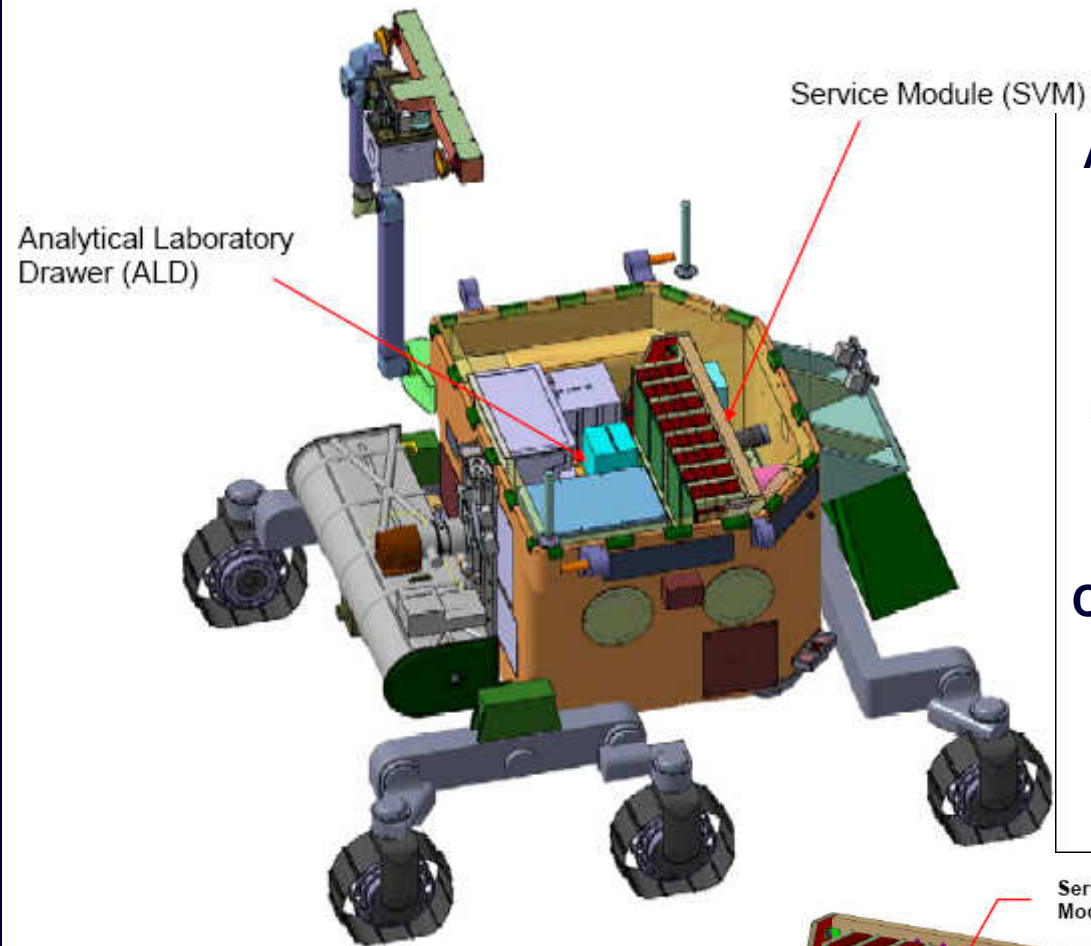
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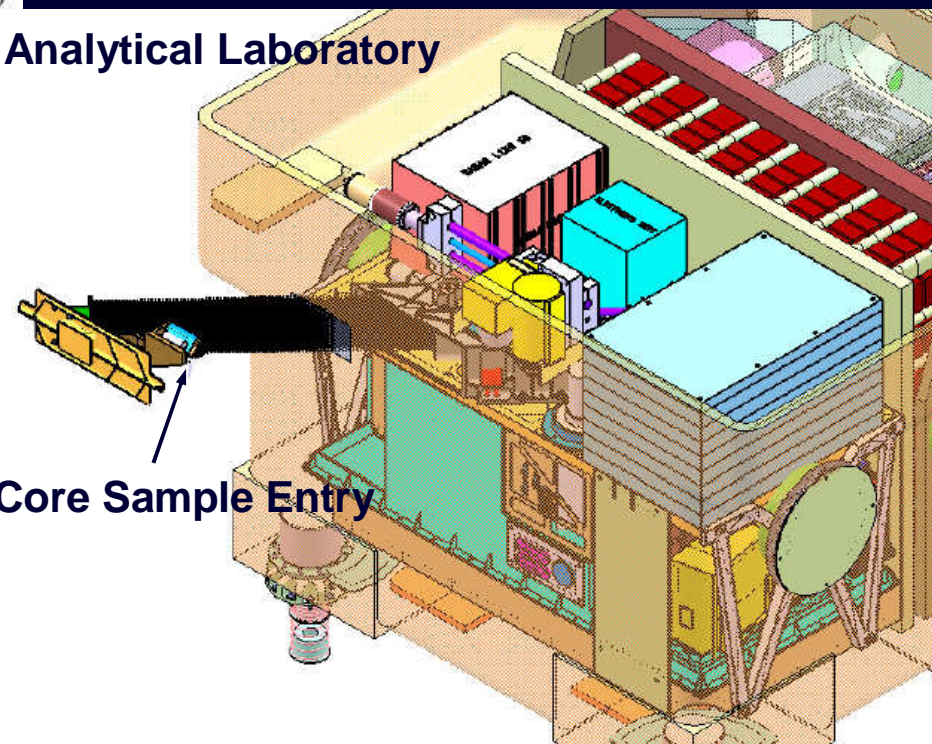


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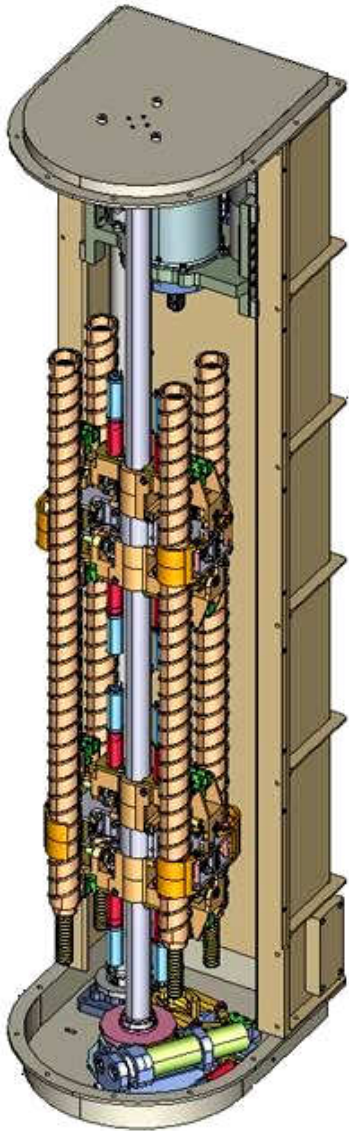
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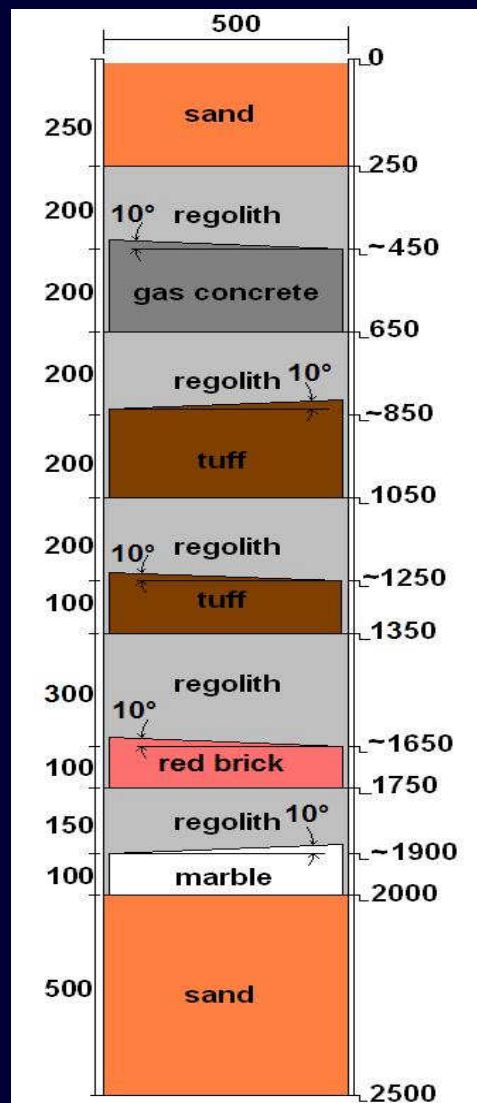


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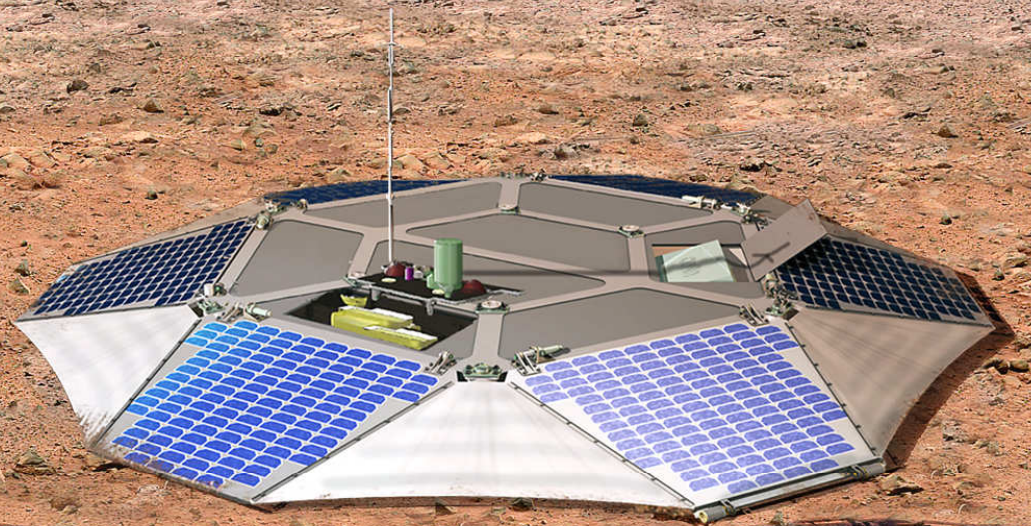
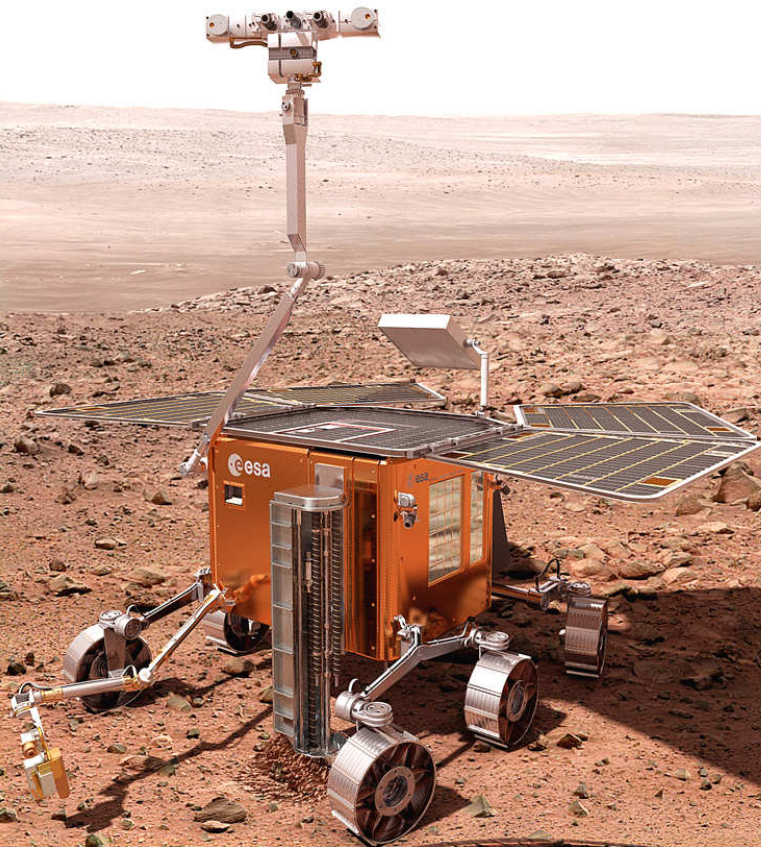
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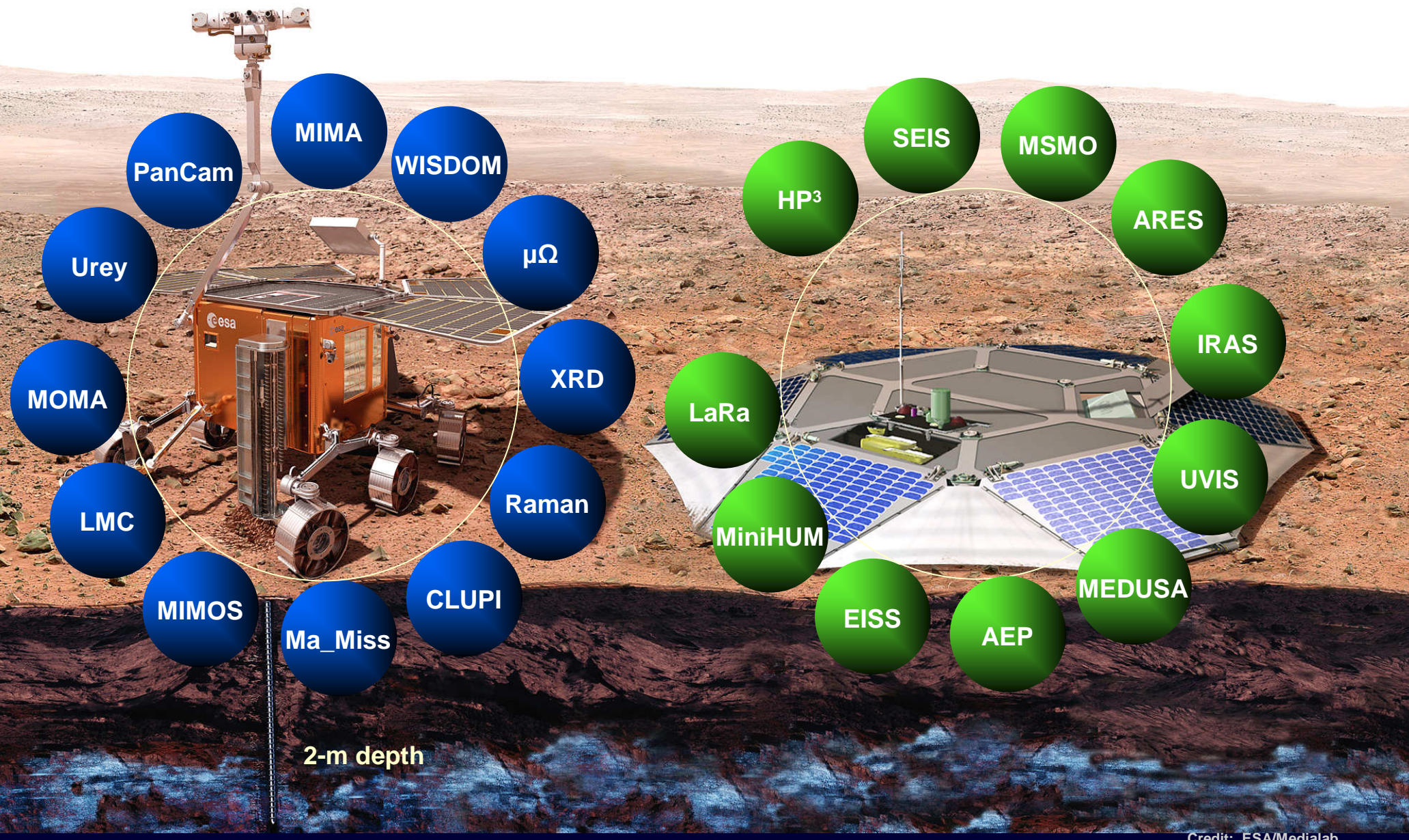
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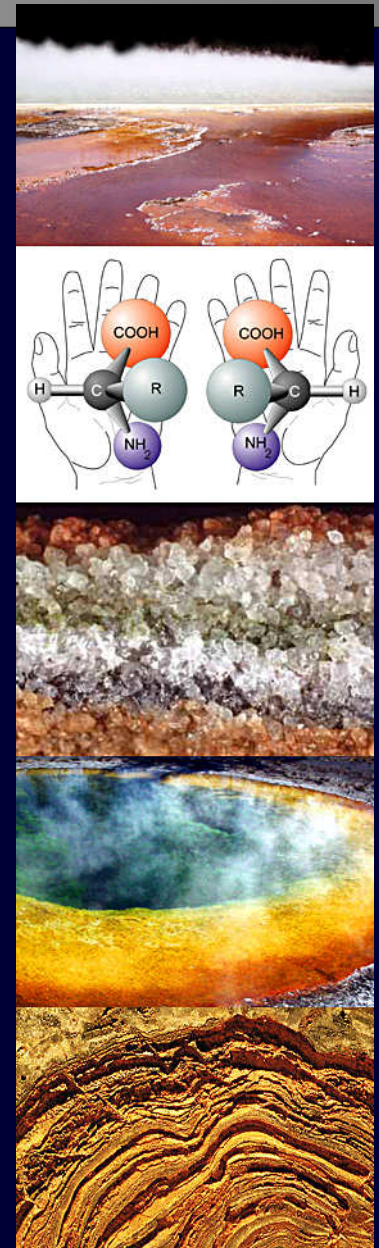
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